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METHODS AND APPARATUSES FOR REDUCING INTERFERENCE USING
FREQUENCY DIVISION MULTIPLE ACCESS

ABSTRACT OF THE DISCLOSURE

[0132] Methods, systems, and apparatuses are described which are capable of mitigating interference between piconets. Devices on a piconet may detect a certain degree of interference. When this interference is deemed as arising from another piconet, the first piconet may cease transmitting on a set of bands while the interfering piconet may continue to transmit on this set of bands. Furthermore, the interfering piconet may cease transmitting on another orthogonal set of bands within the frequency spectrum while the original piconet continues to utilize these bands. Transmission on these sets of bands may be resumed after a predetermined time period. In this manner interference between the two piconets may be minimized.